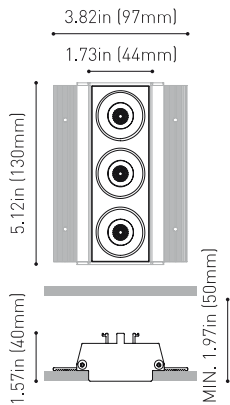




DIMENSIONS



AWARDS



PRODUCT

| | |
|-----------|--------------------------------------|
| Name | BLACK FOSTER TRI 3 UL SPOT 3000K NMG |
| Reference | U3183111NMG |
| Color | Matt black-Metallized gold |
| Category | CEILING RECESSED |

LIGHT SOURCE

| | |
|-----------------------|--------------------------------------|
| Type | LED |
| Gross luminous flux | Depending on Mounting Accessories Lm |
| Color temperature | 3000 K |
| Chromatic stability | MacAdam Step 3 |
| Color Rendering Index | CRI>90 |
| Power | Depending on Mounting Accessories W |
| Current | Depending on Mounting Accessories mA |
| LED lifespan | L90B10>102.000h |

LIGHTING FIXTURE | PHOTOMETRIC DATA

| | |
|-------------------------|------|
| Lighting efficiency | 90% |
| Delivered luminous flux | 0 Lm |
| Light beam angle | 19° |

LIGHTING FIXTURE | ELECTRICAL DATA

| | |
|----------------------------|-----------------------------------|
| Driver | Requires remote driver |
| Power values of the system | W |
| Frequency | Depending on Mounting Accessories |
| Dimming | Depending on Mounting Accessories |

OTHER DATA

| | |
|------------------------|---|
| IC Rated | Yes |
| Environmental location | DAMP |
| Recess measurements | 1.97 x 5.35 50 x 136 |
| Weight | 0.48 lb 219 gr |
| Packaged weight | 0.70 lb 314 gr |
| Packaging dimensions | 8.35x6.10x2.87 in 212x155x73 mm |
| Materials | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |



Black Foster is our lineal recessed luminaire with "The invisible black" effect, also available in a trimless version. Hiding the source of light, Black Foster stands out for its visual comfort and its elegance.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR | | | | | | | | | | | | |
|--|--|---|------|------|------|-------------|------|------|------|------|------|----|
| | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 30 |
| p Ceiling | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | 30 |
| p Walls | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size | Viewing direction at right angles to lamp axis | Viewing direction parallel to lamp axis | | | | | | | | | | |
| X Y | | | | | | | | | | | | |
| 2H | 2H | 5.5 | 6.1 | 5.7 | 6.3 | 6.5 | 5.5 | 6.2 | 5.8 | 6.4 | 6.6 | |
| | 3H | 9.0 | 9.6 | 9.3 | 9.9 | 10.1 | 9.1 | 9.7 | 9.4 | 9.9 | 10.2 | |
| | 4H | 10.9 | 11.5 | 11.2 | 11.7 | 12.0 | 11.0 | 11.6 | 11.3 | 11.8 | 12.1 | |
| | 6H | 13.0 | 13.5 | 13.3 | 13.8 | 14.1 | 13.0 | 13.6 | 13.3 | 13.8 | 14.1 | |
| | 8H | 14.2 | 14.7 | 14.6 | 15.0 | 15.3 | 14.3 | 14.8 | 14.6 | 15.1 | 15.4 | |
| 12H | 15.6 | 16.1 | 15.9 | 16.4 | 16.7 | 15.7 | 16.2 | 16.0 | 16.5 | 16.8 | | |
| 4H | 2H | 6.5 | 7.1 | 6.8 | 7.3 | 7.6 | 6.6 | 7.1 | 6.9 | 7.4 | 7.7 | |
| | 3H | 10.3 | 10.8 | 10.7 | 11.1 | 11.4 | 10.4 | 10.9 | 10.7 | 11.2 | 11.5 | |
| | 4H | 12.4 | 12.8 | 12.7 | 13.1 | 13.5 | 12.5 | 12.9 | 12.9 | 13.3 | 13.6 | |
| | 6H | 14.6 | 15.0 | 15.0 | 15.4 | 15.7 | 14.7 | 15.0 | 15.1 | 15.4 | 15.8 | |
| | 8H | 16.0 | 16.3 | 16.4 | 16.7 | 17.1 | 16.1 | 16.4 | 16.5 | 16.8 | 17.2 | |
| 12H | 17.4 | 17.7 | 17.9 | 18.1 | 18.5 | 17.5 | 17.8 | 18.0 | 18.2 | 18.6 | | |
| 8H | 4H | 13.2 | 13.5 | 13.6 | 13.9 | 14.3 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 | |
| | 6H | 15.7 | 16.0 | 16.2 | 16.4 | 16.8 | 15.7 | 16.0 | 16.2 | 16.4 | 16.9 | |
| | 8H | 17.2 | 17.4 | 17.7 | 17.9 | 18.3 | 17.3 | 17.5 | 17.8 | 18.0 | 18.4 | |
| | 12H | 18.9 | 19.1 | 19.4 | 19.5 | 20.0 | 19.0 | 19.2 | 19.5 | 19.6 | 20.1 | |
| 12H | 4H | 13.4 | 13.7 | 13.9 | 14.1 | 14.5 | 13.5 | 13.8 | 14.0 | 14.2 | 14.6 | |
| | 6H | 16.1 | 16.3 | 16.6 | 16.7 | 17.2 | 16.1 | 16.3 | 16.6 | 16.8 | 17.2 | |
| | 8H | 17.7 | 17.8 | 18.2 | 18.3 | 18.8 | 17.7 | 17.9 | 18.2 | 18.4 | 18.9 | |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | | |
| S = 1.0H | +0.2 / -0.2 | | | | | +0.2 / -0.2 | | | | | | |
| S = 1.5H | +0.3 / -0.3 | | | | | +0.3 / -0.3 | | | | | | |
| S = 2.0H | +0.5 / -0.6 | | | | | +0.5 / -0.6 | | | | | | |
| Standard table | --- | | | | | --- | | | | | | |
| Correction Summand | --- | | | | | --- | | | | | | |
| Corrected Glare Indices referring to 630lm Total Luminous Flux | | | | | | | | | | | | |

GUÍA DE INSTALACIÓN



<https://youtu.be/SVWNEfbfVY>